Dutchess BOCES
SAFETY AND RISK

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Environmental Hygiene Report

Submitted to: Jesse Morrill
Director of Facilities
Beacon City School District
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Location(s)	Glenham, Stage
Project No.	059-2627
Site Visit(s)	October 21, 2026
Report Date	October 21, 2026
Investigator(s)	Brian Colandrea CMA# 26-6ZTFH-SHMO

Dutchess County BOCES *Health, Safety &Risk Management* does not assert that all potential health or safety hazards at this site were evaluated during this survey. This survey is strictly limited to that which is identified in the Project Scope of the report.

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Author's Note: Parenthetical numerals at the end of a sentence reference the work with the corresponding notation in the **References** section. ***Please read this report in its entirety, including any attached appendices, to fully understand this investigation.***

Executive Summary

On October 8, 2026 the Facilities Department for the Beacon City School District (BCSD) requested that our office conduct a visual inspection on and around the stage area of the Glenham Elementary School. On October 21, 2026 we conducted the requested inspection. A visual inspection revealed several items to be addressed (see **Comments & Recommendations**), no fungal growth was observed.

Project Scope

Perform a visual inspection on and around the stage area of the Glenham Elementary School. Review the data and prepare a written report for the BCSD.

Materials & Methods

Visual inspection was conducted by a NYS Certified Mold Assessor (cert # 26-6ZTFH-SHMO).

Results Summary

All sample results and other data were reported to the administration of the local educational agency (LEA) via phone, fax, or e-mail as they became available to our department.

No environmental testing was conducted as part of this investigation.

Discussion

The National Institute for Occupational Safety & Health (NIOSH), a division of the Center for Disease Control, uses the term Indoor Environmental Quality (IEQ) to describe the perception of the indoor environment by occupants of non-industrial facilities like offices and schools. Occupants of these facilities frequently report a variety of physical symptoms (e.g. headache, fatigue, eye & skin irritation) that they attribute to poor indoor air. If air is the culprit, there may be a number of causes, including chemical, physical, and biological contamination. These contaminants can create odors, cause occupant discomfort, and, occasionally, create a health hazard. Frequently the cause of poor indoor air quality is inadequate or poorly modulated ventilation. This can result in uneven heating and cooling (which can affect the comfort of building occupants) and the provision of inadequate outside air.

Bioaerosols, airborne particles that are living or originate from living organisms, are ubiquitous in nature and may be modified by human activities. ***(1)*** They become an occupational hygiene concern when, as a result of indoor sources, the kinds and levels of microorganisms inside a building or facility are different than those in the surrounding outdoor environment. Microbiological growth inside building is normally the result of water intrusion (e.g. from roof leaks), standing water, or high humidity and dew point. Bioaerosols of concern include fungi, bacteria, viruses, allergens, and other metabolic by-products. Locating sources of bioaerosols inside buildings is heavily dependent upon good investigative techniques. Such techniques include, but are not wholly dependent upon, sampling. Sampling for bioaerosols Includes air sampling and source (e.g. bulk, swab, tape-lift) sampling.

Comments & Recommendations

On October 8, 2026 the Facilities Department for the Beacon City School District (BCSD) requested that our office conduct a visual inspection on and around the stage area of the Glenham Elementary School. On October 21, 2026 we conducted the requested inspection.

Accumulated dust was seen on one of the air handlers present, the other air handler has some waste materials on it (see **Appendix**). No fungal growth was noted.

The following recommendations are made:

- Clean the dust accumulated dust on the air handler's fins
- Remove waste material

References

1. **University of Minnesota:** *Fungal Glossary*. Minneapolis, MN: University of Minnesota, Department of Environmental health & Safety, 2004

Appendix

Photographs



Photograph 1, Glenham Stage



Photograph 2, Glenham Stage